

## **ABSTRACT**

A metallic structure for the manufacture of rigid and porous one-piece metallic parts of any form is comprised of a welded metallic cloth in which each wire intersection is welded, and is capable of undergoing a manufacturing method involving first forming the part by folding or winding at least one layer of the metallic structure over at least one turn, and then subjecting the product obtained to a compression in a preferential direction. The parts are manufactured by the compression of such a structure.